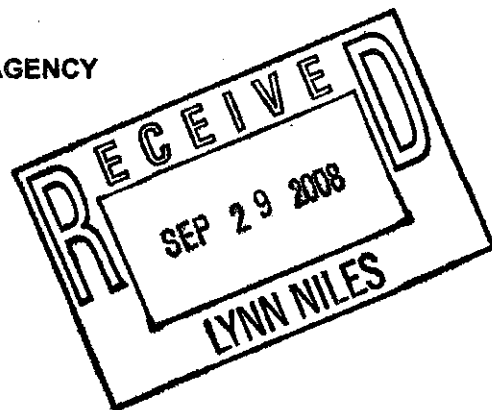




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2  
290 BROADWAY  
NEW YORK, NY 10007-1866



SEP 25 2008

Ms. Mary Lou Capichioni  
Director  
Remediation Services  
Corporate Environmental Services  
The Sherwin-Williams Company  
101 Prospect Avenue, N.W.  
Cleveland, OH 44115-1075

Re: *Sediment Sample Collection for SEM/AVS Analysis* (October 12, 2006)  
Sherwin-Williams Sites  
AOC Index Number: No. II CERCLA-02-99-2035  
Gibbsboro Borough, Voorhees Township and Lindenwold Borough, New Jersey

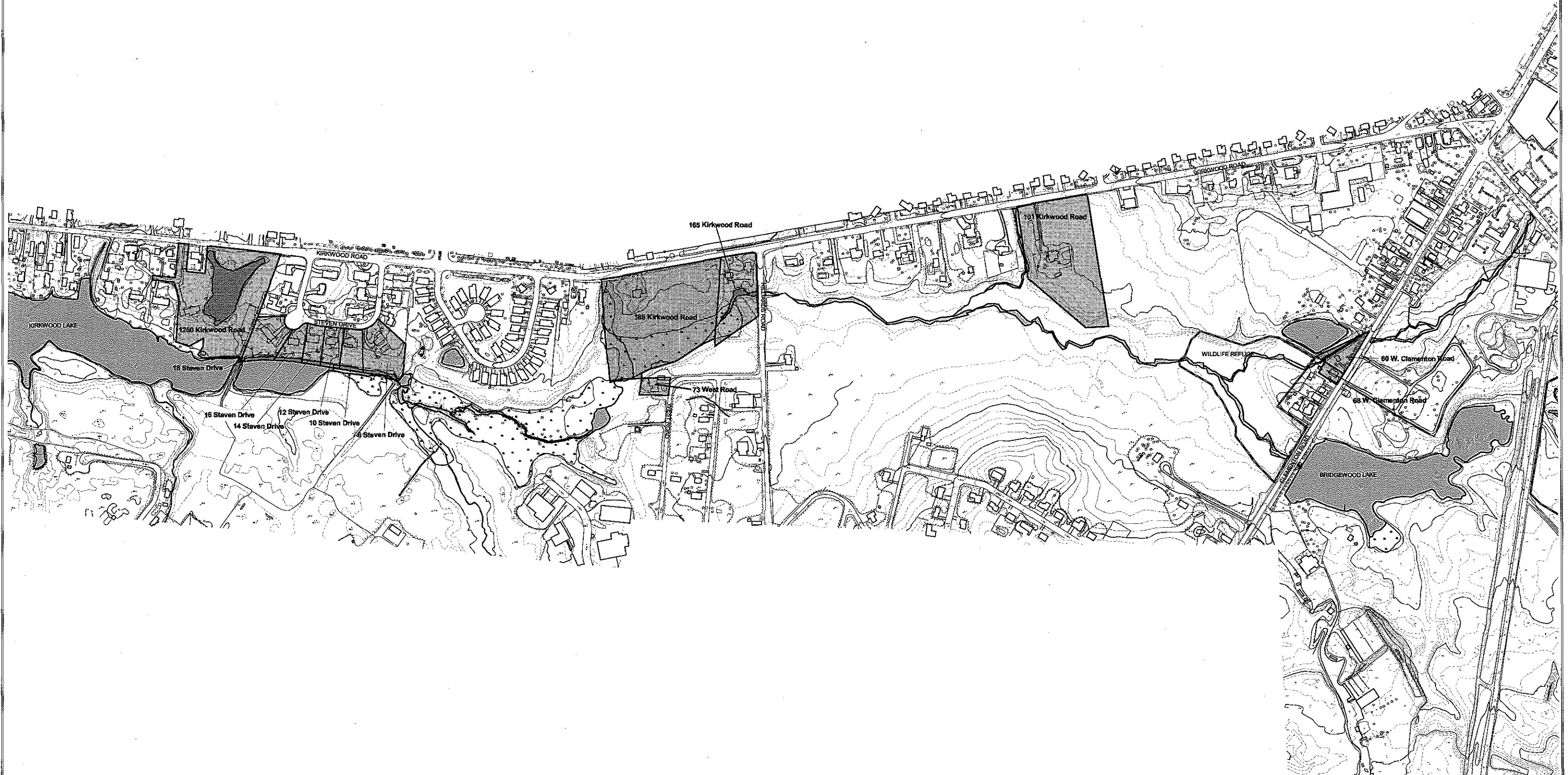
Dear Ms. Capichioni:

The United States Environmental Protection Agency (EPA) has reviewed the October 12, 2006 (proposed sampling plan for) *Sediment Sample Collection for SEM/AVS Analysis* (within Hilliards Creek) submitted to EPA by The Sherwin-Williams Company (SWC). EPA offers the following comments on the October 12, 2006 submittal; in addition, comments by the New Jersey Department of Environmental Protection (NJDEP) are incorporated.

1. The draft submittal proposes the collection of 16 sediment samples from Hilliard Creek (with a range of lead and total organic carbon concentrations) for simultaneously extracted metals/acid volatile sulfides (SEM/AVS) analysis. Please note, additional samples should also be collected and analyzed for TAL metals and total organic carbon (TOC). The rationale for SEM/AVS analysis is to assist in determining the bio-availability of certain metals (i.e., lead, copper, cadmium, zinc, and nickel). It should be noted that due to uncertainties associated with this analysis, SEM/AVS results should not substitute for the following: bulk sediment chemical analyses; toxicity tests; benthic macroinvertebrate surveys; and/or tissue bioassays when assessing sediment quality – however, SEM/AVS results may aid in interpretation of these studies.

While AVS is effective in binding divalent metals in anoxic sediments, it is generally less applicable to the more oxic conditions in the upper 2 cm of sediments, considered the primary biotic zone (benthic organisms require oxygen and would not be present in its absence). Additionally, use of the SEM/AVS approach requires that the sediments are never disturbed or changed from the parameters examined to make the ratio calculations. Therefore the method's ability to predict toxicity is limited and there are uncertainties associated with seasonality, temperature and pH. Flood events, excavation, etc., may cause sediment disturbance and volatile sulfide oxidation, potentially resulting in the release of a "slug" of metals to the environment.

cc: Lynn Arabia, Foster Wheeler Environmental  
John Doyon, NJDEP



125 0 125 250 Feet

**LEGEND**

- Location For Residential Soil Sampling Program.
- Access Not Granted for Residential Soil Sampling Program.
- Property removed from Residential Soil Sampling Program due to steep slope and high stream bank.



Weston Solutions, Inc.

205 Campus Drive Edison, New Jersey 08837-3039  
TEL: (732) 417-5500 Fax: (732) 417-5501  
<http://www.westonsolutions.com>



REPORT DATE:  
JUNE 2007  
DRAWING: 04277\_RSSP\_Figures1.dwg  
PATH: L:\SHERWIN\GIS\04277\_RSSP\_Figures1.dwg  
REVISION NO.:  
0  
WORK ORDER NO.:  
20076.022.077.0005

PROJECT MANAGER:  
S. JONES  
CHECKED BY:  
A. FISCHER  
CONTRACT NO.:  
DELIVERY ORDER NO.:  
DRAWN/MODIFIED BY:  
J. LYNES  
DATE CREATED:  
03/27/2007

CLIENT NAME:  
THE SHERWIN-WILLIAMS COMPANY  
GIBBSBORO, NEW JERSEY  
PROJECT NAME:  
SHERWIN-WILLIAMS GIBBSBORO  
REMEDIAL INVESTIGATION

DRAWING TITLE:  
RESIDENTIAL SOIL SAMPLING PROGRAM  
SITE LOCATION MAP  
FIGURE:  
1  
SCALE:  
1" = 250'  
DATE:  
06/08/2007

\*\*\*\*\*Residential soil sampling\*\*\*\*\*

As you are aware, EPA (along with staff from Weston Solutions) proposed sample locations as part of the future residential soil sampling activities scheduled to occur at each of the residential homes for which signed access agreements had been granted. To summarize, each home is scheduled to have 10 soil samples collected from their property. The purpose of the soil sampling activity is to determine if select residents are at risk to contaminants from Hilliard's Creek (Creek), due to the periodic flooding of Hilliard's Creek (through natural deposition), or if any specific activities by the resident have lead to the unknowing placement of contaminated Creek material being placed onto their property.

In order to assess the likelihood of either of these scenarios, interviews with each resident was performed, both in order to gain any historical knowledge of their property and also to learn what areas of the property (near the Creek) they currently frequent. In the absence of any historical knowledge provided to EPA and Weston Solutions, sample locations were selected based on low-lying areas near the Creek, again biasing them towards areas that were frequented by the resident (this included both garden areas or child play-areas).

You indicated during the March 20, 2007 conference call that the SWC intended to submit written protocols for residential soil sampling. We suggest, based on our current understanding of the conditions near the Creek and discussions with the EPA Risk Assessor, that the following intervals be sampled at each of the 10 soil sample locations: 0-6" interval (to be analyzed for all parameters, except VOCs) and the 18-24" interval (to be analyzed for full TAL/TCL). In addition, the Sherwin-Williams Company has expressed the desire to collect additional samples for lead analysis from the 0-1" interval. The Sherwin-Williams Company is permitted to conduct this sampling; however, this data will not be used by the EPA Risk Assessor during our assessment.



Klimcsak.Raymond@epamail  
.epa.gov  
06/19/2007 01:16 PM

To lynn.arabia@tteci.com  
cc  
bcc  
Subject Fw: residential soil sampling

also....see below, I think I may have bcc:ed you on this awhile ago, but this is the change that I requested for the res. sampling.

----- Forwarded by Raymond Klimcsak/R2/USEPA/US on 06/19/2007 01:16 PM  
-----

Raymond  
Klimcsak/R2/USEP  
A/US

03/26/2007 03:30  
PM

Mary Lou Capichioni

To

cc

Subject

residential soil sampling

Mary Lou,

Please take a look at my write-up (below) regarding EPA's proposal for sampling depth intervals when performing the residential soil sampling program at the Gibbsboro Sites. It's a combination of a few things, that are not driven by the "depth-to-water".

If you feel that the proposal is appropriate, I would suggest including the protocol along with the pdf. sampling maps for each residential property.

By the way, I received a copy of the figures (and CD) for the White Sands Branch and Hilliard's Creek sampling data. Do you know if a copy was sent to the NJDEP? I'm also not sure if Mindy Pensak (EPA, Edison) and Lynn Arabia received a copy? I think they look fine, I wasn't sure if you were looking for my comments. I could use several extra copies, but will let you know how many after I hear back from you.

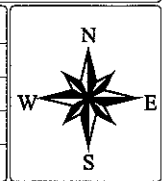
thanks,  
Ray



<b>LEGEND:</b> PROPOSED COMPOSITE SAMPLE LOCATION PROPOSED SAMPLE LOCATION APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)	
<b>PROJECT:</b> SHERWIN-WILLIAMS GIBBSBORO RI	
<b>CLIENT NAME:</b> THE SHERWIN-WILLIAMS COMPANY	

<b>TITLE:</b> RESIDENTIAL SOIL SAMPLING PROGRAM 8 STEVEN DRIVE BLOCK 196.02, LOT 4 VORHEES, NJ	
<b>DRAWING NUMBER:</b> 04114	<b>FIGURE #:</b> 6

<b>DRAWN BY:</b> J. LYNES	<b>REVIEWED BY:</b> A. FISCHER
<b>PROJECT MANAGER:</b> S. JONES	<b>SCALE:</b> 1" = 30'
<b>DATE:</b> 06/08/2007	



**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** Charles I & Barbara S Ropka

**DATE:** February 13, 2007

**RESIDENCE ADDRESS:** 8 Steven Drive, Voorhees, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning the property for twenty eight years (since 1979).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**No.**

3. Has there been any sampling conducted at the property?

**Yes.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**Transect samples were collected as part of the Gibbsboro Remedial Investigation by Weston.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**No.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**N/A.**

**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

Charles I & Barbara S Ropka

**DATE:**

February 13, 2007

**RESIDENCE ADDRESS:**

8 Steven Drive, Voorhees, NJ

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

No.

8. Has any additional soil/fill been introduced to the property or low lying area filled?

No.

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

No.

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

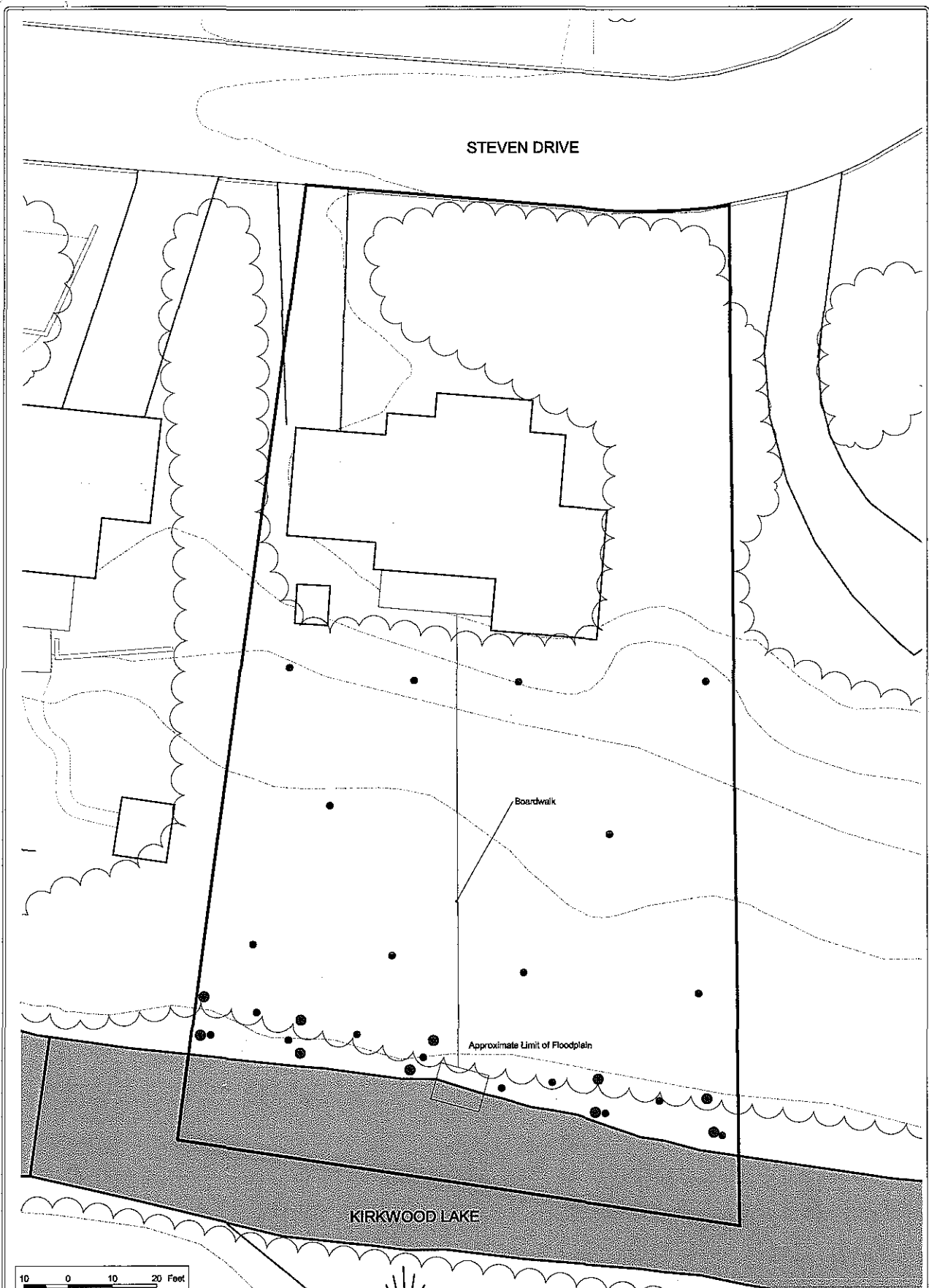
Not at this time.

11. Other notes/comments:

**Bruin (farmer) was the previous owner of the property.**

**Please note that this property is adjacent to the main beaver dam that is constructed behind the age-restricted community in Glenview Way East.**

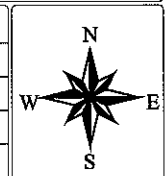




<b>LEGEND:</b> ● PROPOSED COMPOSITE SAMPLE LOCATION ● PROPOSED SAMPLE LOCATION □ APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)	
<b>PROJECT:</b> SHERWIN-WILLIAMS GIBBSBORO RI	
<b>CLIENT NAME:</b> THE SHERWIN-WILLIAMS COMPANY	

<b>TITLE:</b> RESIDENTIAL SOIL SAMPLING PROGRAM 10 STEVEN DRIVE BLOCK 196.02, LOT 5 VORHEES, NJ		
<b>DRAWING NUMBER:</b> 04113		
<b>FIGURE #:</b> 7		

<b>DRAWN BY:</b> J. LYNES
<b>REVIEWED BY:</b> A. FISCHER
<b>PROJECT MANAGER:</b> S. JONES
<b>SCALE:</b> 1" = 20'
<b>DATE:</b> 06/08/2007



**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** Doris N Evans

**DATE:** February 13, 2007

**RESIDENCE ADDRESS:** 10 Steven Drive, Voorhees, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning the property for twenty eight years (since 1979).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**Not to the knowledge of the homeowner. She only goes on the deck to add food to the bird feeders and does not venture into the backyard very often. Also, no intrusive activities have been conducted in recent years.**

3. Has there been any sampling conducted at the property?

**Yes. Homeowner reported that samples were collected back in 2000 or so, however the resident was not clear by whom.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**Homeowner did not know who collected the samples in the 2000 time-frame.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**The last construction activity conducted at the property included building a deck some 28 years ago.**

**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

Doris N Evans

**DATE:**

February 13, 2007

**RESIDENCE ADDRESS:**

10 Steven Drive, Voorhees, NJ

**INTERVIEWER:**

P. Austin

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

**No.**

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**No.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

**No, the last construction activity conducted at the property included building a deck some 28 years ago.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**Not at this time.**

11. Other notes/comments:

**The homeowner's son, David Evans, was identified as part of the potable well investigation. He would like to be contacted also for any activities conducted at the above residence.**



<p>● PROPOSED COMPOSITE SAMPLE LOCATION</p> <p>● PROPOSED SAMPLE LOCATION</p> <p>□ APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)</p>	<p>PROJECT:</p> <p>SHERWIN-WILLIAMS GIBBSBORO RI</p>
<p>CLIENT NAME:</p> <p>THE SHERWIN-WILLIAMS COMPANY</p>	<p>DATE:</p> <p>06/08/2007</p>

<p>TITLE:</p> <p>RESIDENTIAL SOIL SAMPLING PROGRAM</p> <p>12 STEVEN DRIVE</p> <p>BLOCK 196.02, LOT 6</p> <p>VOORHEES, NJ</p>	<p>DRAWN BY:</p> <p>J. LYNES</p>
<p>WESTON</p>	<p>REVIEWED BY:</p> <p>A. FISCHER</p>
<p>PROJECT NUMBER:</p> <p>04104</p>	<p>PROJECT MANAGER:</p> <p>S. JONES</p>
<p>FIGURE NUMBER:</p> <p>8</p>	<p>SCALE:</p> <p>1" = 20'</p>

<p>DATE:</p> <p>06/08/2007</p>	<p>N</p> <p>W</p> <p>E</p> <p>S</p>
--------------------------------	-------------------------------------



**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**  
**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** William and Alice Johnston**DATE:** February 13, 2007**RESIDENCE ADDRESS:** 12 Steven Drive, Voorhees, NJ**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning the property for 28 years (since 1979).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**Homeowner reported Hilliard Creek flowing a number of different colors in the late seventies. It should be noted that Mrs. Johnston is a life-long resident of the Gibbsboro/Voorhees area.**

3. Has there been any sampling conducted at the property?

**No, not to date.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**N/A.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**Mrs. Johnston reported doing a great deal of gardening in her backyard. There is a deck in her backyard, a shed sitting on railroad ties and a stone walkway.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**



## REMEDIAL INVESTIGATION/FEASIBILITY STUDY

## PROPERTY OWNER SURVEY QUESTIONNAIRE

**PROPERTY OWNER:**

William and Alice Johnston

**DATE:**

February 13, 2007

**RESIDENCE ADDRESS:**

12 Steven Drive, Voorhees, NJ

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

**Foul odors were noticed and colored waters in the creek were observed during the homeowner's youth. It should be noted that the odors may be natural (not a sewerage or solvent smell).**

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**Only in the garden areas.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

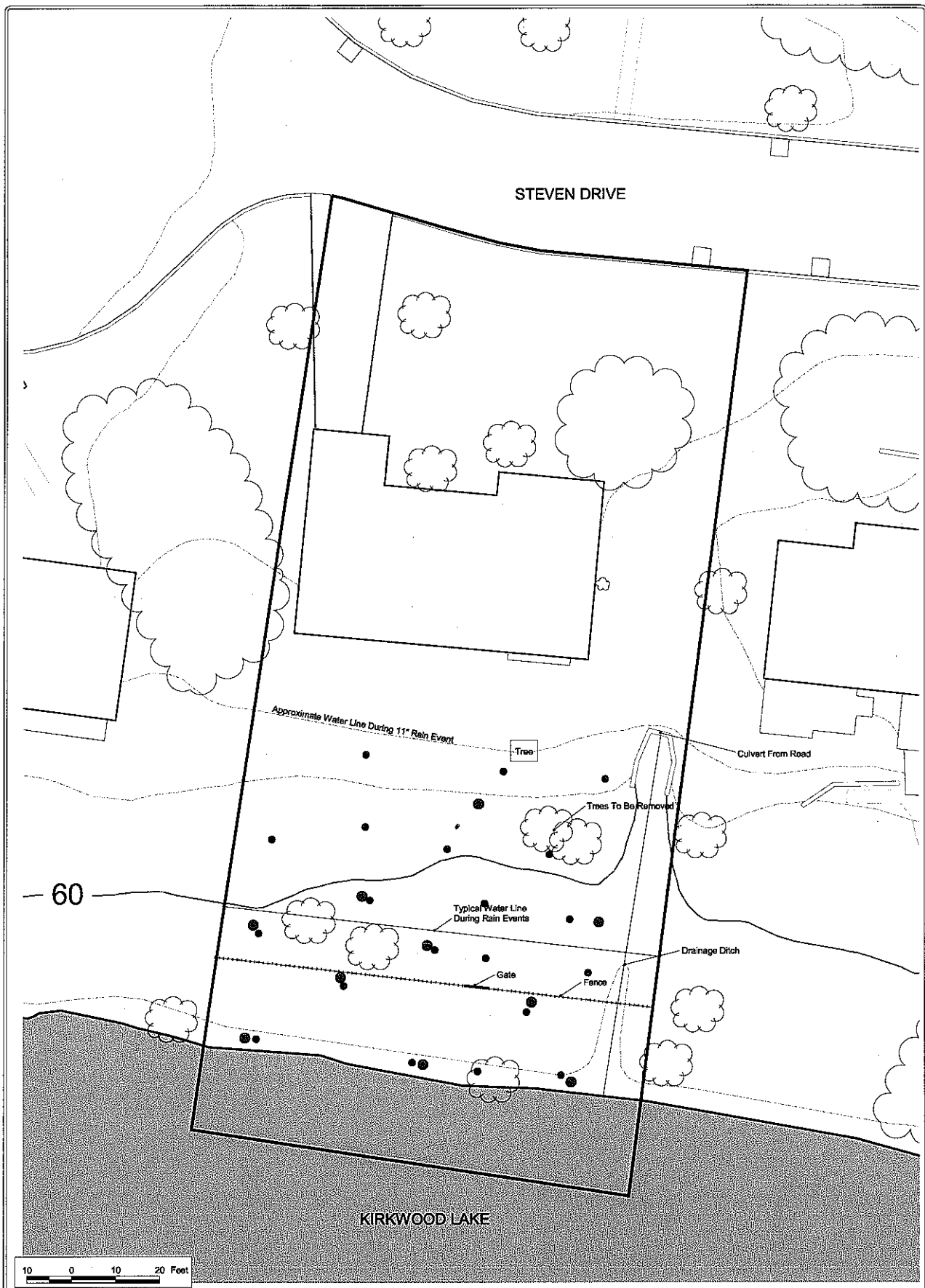
**A shed sitting on railroad ties, a stone walkway, a garden and a deck.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**The homeowner intends on building a patio, planting more shrubs and establishing a bocce ball area.**

11. Other notes/comments:

**Due to the beaver activities, the homeowner reported having between 40-60% of their backyard being underwater (past the shed), bringing fish and ducks onto the property. The property does sit lower than most other homes. Fish and Game and Camden County have been called numerous times. The main beaver dam is located east of their home and the "red barn" culvert (site of the secondary beaver dam) is located west of their home. Photos available in site files.**



<b>LEGEND:</b> ● PROPOSED COMPOSITE SAMPLE LOCATION ● PROPOSED SAMPLE LOCATION □ APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)		<b>TITLE:</b> <b>RESIDENTIAL SOIL SAMPLING PROGRAM</b> <b>14 STEVEN DRIVE</b> <b>BLOCK 196.02, LOT 7</b> <b>VOORHEES, NJ</b>		<b>DRAWN BY:</b> J. LYNES <b>REVIEWED BY:</b> A. FISCHER <b>PROJECT MANAGER:</b> S. JONES <b>SCALE:</b> 1" = 20' <b>DATE:</b> 06/08/2007		
<b>PROJECT:</b> SHERWIN-WILLIAMS GIBBSBORO RI		<b>DRAWING NUMBER:</b> 04104		<b>FIGURE:</b> 9		
<b>CLIENT NAME:</b> THE SHERWIN-WILLIAMS COMPANY						

**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**  
**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** Terri Hall and Zeb Harris

**DATE:** February 22, 2007

**RESIDENCE ADDRESS:** 14 Steven Drive, Voorhees, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported purchasing the property in October 2002.**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**The homeowner reported stressed vegetation bordering lake, as well as odors and discoloration (dark brown/black), though it should be noted that it may be natural.**

3. Has there been any sampling conducted at the property?

**No.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**N/A.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**The property owner installed a fence surrounding the perimeter of the property, three pine trees were removed from the back yard, no pigments were observed.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**



**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

Terri Hall and Zeb Harris

**DATE:**

February 22, 2007

**RESIDENCE ADDRESS:**

14 Steven Drive, Voorhees, NJ

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

**No.**

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**No.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

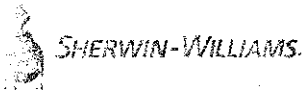
**Construction of a deck is planned for 2007.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**Plans to remove more trees and conduct additional landscaping in backyard in 2008.**

11. Other notes/comments:

**Since the property owners have lived at the property a relatively short time, there is very little historical information available.**



## GIBBSBORO



### REMEDIAL INVESTIGATION/FEASIBILITY STUDY

#### PROPERTY OWNER SURVEY QUESTIONNAIRE

**PROPERTY OWNER:** Dennis and Mary Ellen Deichert

**DATE:** February 13, 2007

**RESIDENCE ADDRESS:** 54 W. Clementon Road,  
(for access to 60 W. Clementon) Gibbsboro, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning the living on the property for 51 years (since 1956).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**Mr. Deichert reported Hilliard Creek flowing various colors during his youth.**

3. Has there been any sampling conducted at the property?

**No, property owner has not provided access until recently.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**N/A.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**No.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**

**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

Dennis and Mary Ellen Deichert

**DATE:**

February 13, 2007

**RESIDENCE ADDRESS:**

54 W. Clementon Road, Gibbsboro, NJ  
(for access to 60 W. Clementon)

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

**Foul odors and colored waters in the creek were observed during the homeowner's youth.**

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**The northern banks of Hilliard Creek on the property is built up with imported soils. The soils were imported from excavation activities during the construction of basements in the homes built on the property.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

**No.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**Not at this time.**

11. Other notes/comments:

**Mr. Deichert recounted a story of a settlement being made with his former next door neighbor, Earl Urban, (62 W. Clementon Rd which is currently a rental property) and Lucas Paints, some time between 1968 and 1970. It appears that Mr. Urban raised geese all of whom died mysteriously after a reported event of dumping in the creek. Mr. Deichert reported flooding to the front steps in 1960. Man-made lake on property was originally 16 feet deep, now only 12 feet deep due to accumulation of leaves, sludge and sediments.**





**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** 165 Kirkwood Corporation

**DATE:** February 5, 2007

**RESIDENCE ADDRESS:** 165 Kirkwood Road,  
Gibbsboro, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning/renting the property for twenty-two years (since 1985).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**No.**

3. Has there been any sampling conducted at the property?

**Sampling was conducted in 2003, 2005 and 2006 by Weston Solutions, Inc. on behalf of The Sherwin-Williams Company.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**The sampling was conducted as part of an EPA Removal Action (2003) and part of the Gibbsboro Remedial Investigation (2005/2006).**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**Yes. Removal action activities were conducted by Sherwin-Williams in 2003. The top 6-8 inches of the backyard was excavated and backfilled with clean fill and top soil.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**Details are included in the files and report for the above-referenced removal action activities.**



## REMEDIAL INVESTIGATION/FEASIBILITY STUDY

## PROPERTY OWNER SURVEY QUESTIONNAIRE

**PROPERTY OWNER:**

165 Kirkwood Corporation

**DATE:**

February 5, 2007

**RESIDENCE ADDRESS:**

165 Kirkwood Road, Gibbsboro NJ

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

**No.**

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**Yes – approximately the top 6 to 8 inches of soil were removed and replaced during the Removal Action activities in 2003.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

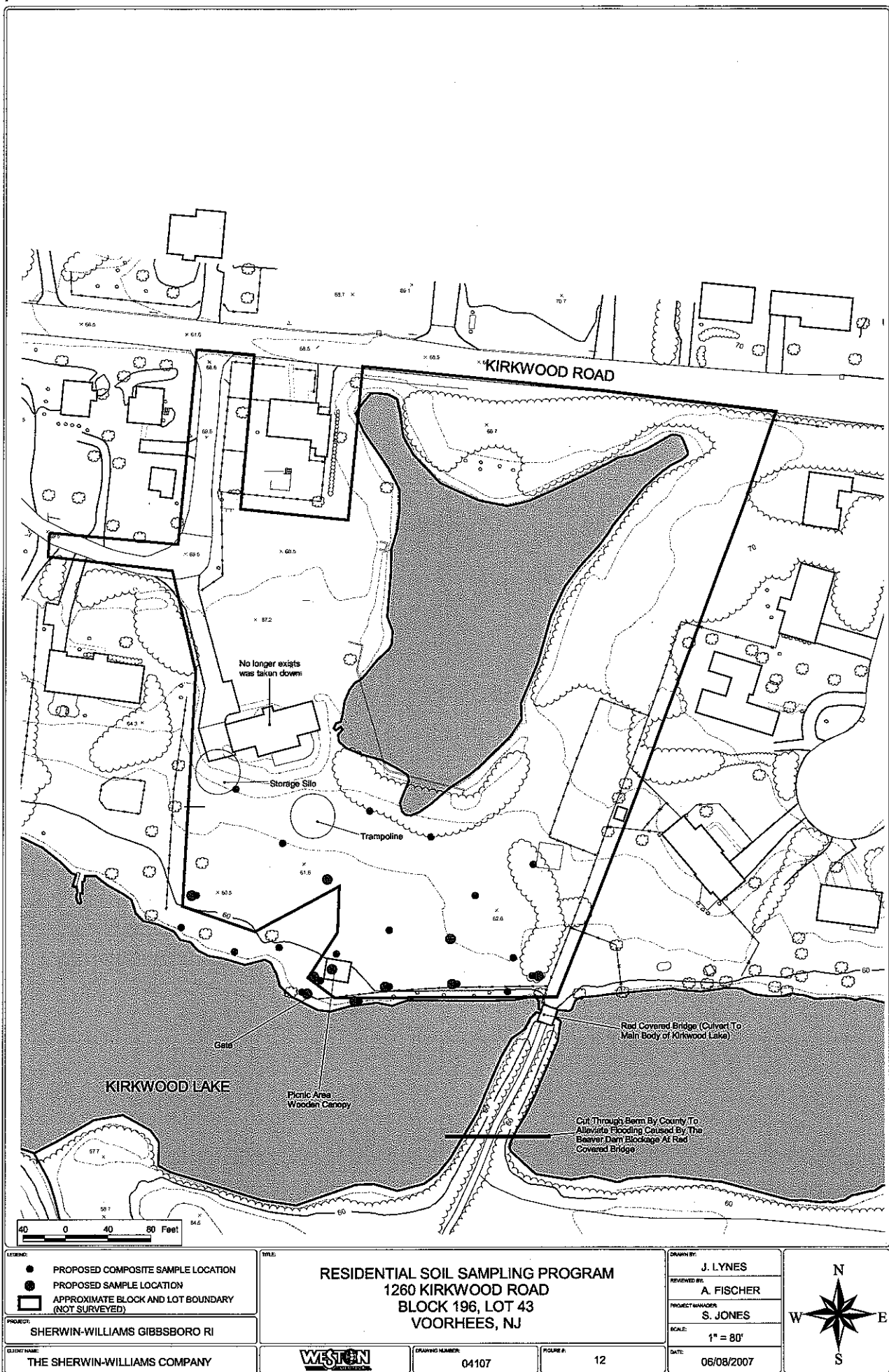
**No.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**No.**

11. Other notes/comments:

**Water level of Hilliard Creek flowing past property has been impacted by the presence of beavers and beaver dams. Soil and sediment samples collected during Gibbsboro RI field activities in 2005 and 2006.**



**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** Louis and Dina Mueller

**DATE:** February 26, 2007

**RESIDENCE ADDRESS:** 1260 Kirkwood Road,  
Gibbsboro, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported purchasing the property in 1996 from the Bruin Family Day Camp.**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**The home owner reported odors from a local sewerage and disposal business that reportedly discharged effluent into the creek.**

3. Has there been any sampling conducted at the property?

**Homeowner collected four grab surface samples for lead when the property was purchased.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**The homeowner reported that all the samples were clean, data could not be found during interview.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**A UST removal was performed, a basement was also dug out during renovations and construction on the premises, the excavated soils was used to fill low lying areas, additional fill was brought in where needed. No pigmented soils were observed.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**



**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

Louis and Dina Mueller

**DATE:**

February 26, 2007

**RESIDENCE ADDRESS:**

1260 Kirkwood Road, Gibbsboro

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

No.

8. Has any additional soil/fill been introduced to the property or low lying area filled?

Yes – see response to question 5 above.

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

Yes - a picnic area has been set up in the yard.

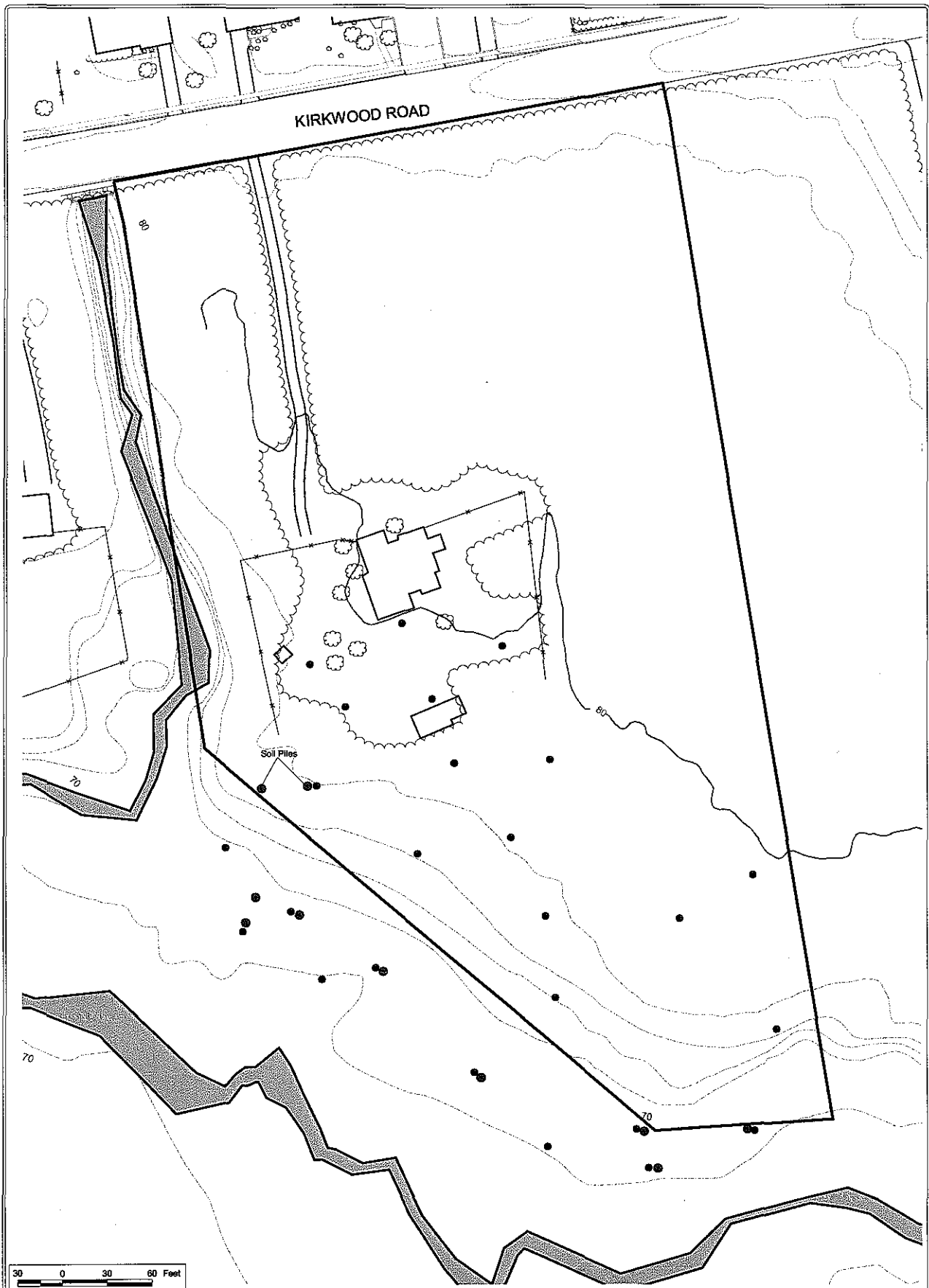
10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

No.

11. Other notes/comments:

Since the property owners have lived at the property a relatively short time, there is very little historical information is available.

Kirkwood Lake and Gibbsboro RI soil and sediment samples collected on this property in 2002, 2005 and 2006.



<p><b>LEGEND:</b></p> <ul style="list-style-type: none"> <li>● PROPOSED COMPOSITE SAMPLE LOCATION</li> <li>● PROPOSED SAMPLE LOCATION</li> <li>□ APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)</li> </ul>	<p><b>TITLE:</b></p> <p align="center"><b>RESIDENTIAL SOIL SAMPLING PROGRAM</b>  <b>101 KIRKWOOD ROAD</b>  <b>BLOCK 58.01, LOT 6.04</b>  <b>GIBBSBORO, NJ</b></p>	<p><b>DRAWN BY:</b> J. LYNES</p> <p><b>REVIEWED BY:</b> A. FISCHER</p>		
<p><b>PROJECT:</b> SHERWIN-WILLIAMS GIBBSBORO RI</p> <p><b>CLIENT NAME:</b> THE SHERWIN-WILLIAMS COMPANY</p>		<p><b>PROJECT MANAGER:</b> S. JONES</p> <p><b>SCALE:</b> 1" = 60'</p> <p><b>DATE:</b> 06/08/2007</p>		
<p><b>DRAWING NUMBER:</b> 04116</p>		<p><b>SHEET:</b> 2</p>		



SHERWIN-WILLIAMS.



**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** Robert and Dawn Danser

**DATE:** February 5, 2007

**RESIDENCE ADDRESS:** 101 Kirkwood Road,  
Gibbsboro, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning/renting the property for 24.5 years (since 1982).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**Discolored soils were observed on the property during the construction of an addition to the home.**

3. Has there been any sampling conducted at the property?

**No.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**N/A.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**Yes – there was an addition built onto the home.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**A large addition was built onto the back of the house, a deck on the side of the house and a walk-in closet.**



**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**



**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

Robert and Dawn Danser

**DATE:**

February 5, 2007

**RESIDENCE ADDRESS:**

101 Kirkwood Road, Gibbsboro NJ

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

**Discolored soils were noted towards the house during the construction of the addition.**

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**No.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

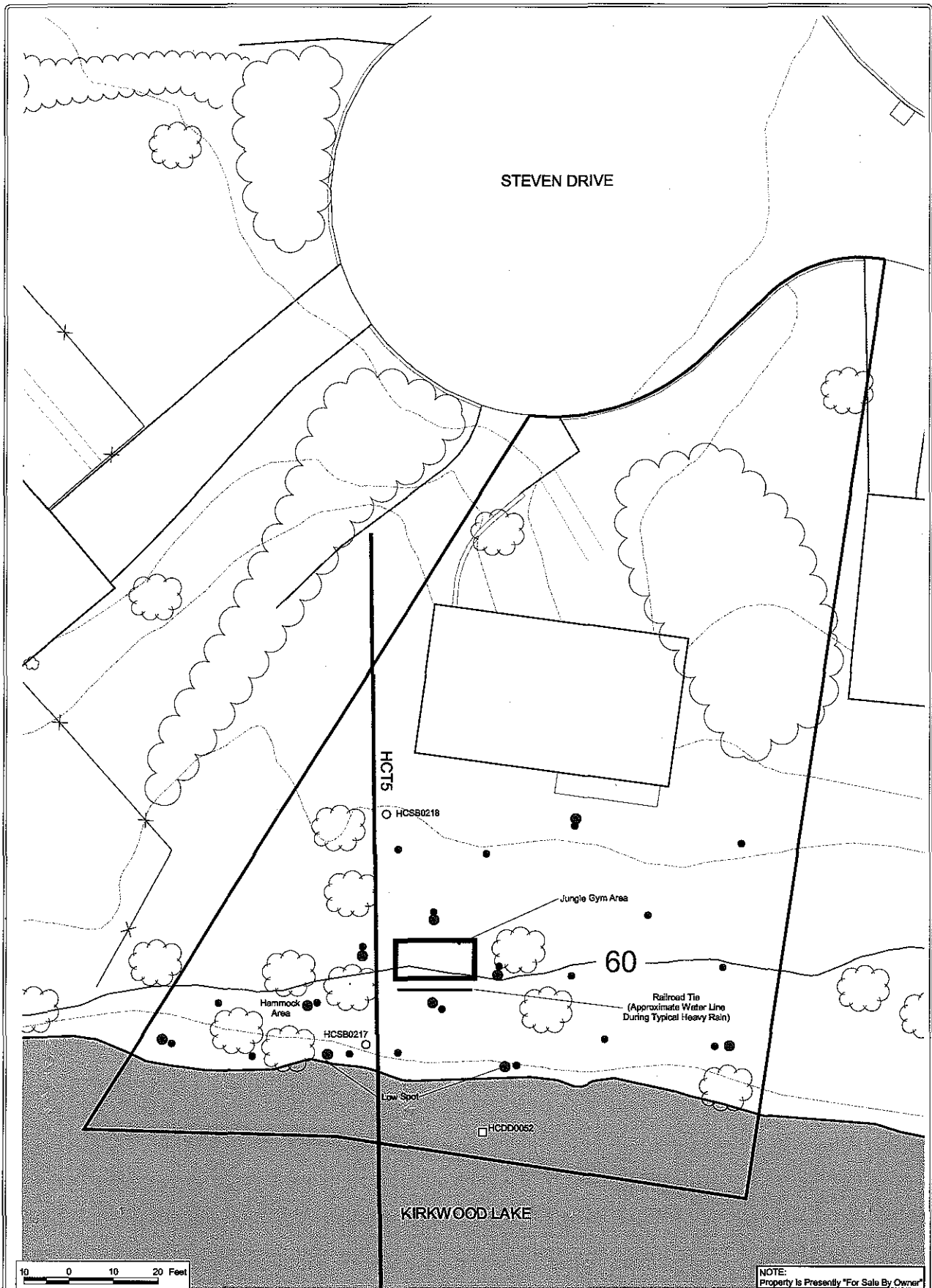
**Yes – A large addition was built onto the back of the house, a deck on the side of the house and a walk-in closet.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**Not at this time.**

11. Other notes/comments:

**None.**



<p>LEGEND:</p> <ul style="list-style-type: none"> <li>● PROPOSED COMPOSITE SAMPLE LOCATION</li> <li>● PROPOSED SAMPLE LOCATION</li> <li>□ APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)</li> </ul>	<p>PROJECT:</p> <p>SHERWIN-WILLIAMS GIBBSBORO RI</p>
<p>CLIENT NAME:</p> <p>THE SHERWIN-WILLIAMS COMPANY</p>	<p>DATE:</p> <p>04/11/2</p>

<p>TITLE:</p> <p>RESIDENTIAL SOIL SAMPLING PROGRAM 16 STEVEN DRIVE BLOCK 196.02, LOT 8 VOORHES, NJ</p>	<p>DESIGNED BY:</p> <p>J. LYNES</p>
<p>WESTON</p>	<p>REVIEWED BY:</p> <p>A. FISCHER</p>
<p>PROJECT MANAGER:</p> <p>S. JONES</p>	<p>SCALE:</p> <p>1" = 20'</p>
<p>DATE:</p> <p>06/08/2007</p>	<p>FIGURE #:</p> <p>10</p>

<p>DESIGNED BY:</p> <p>J. LYNES</p>	
<p>REVIEWED BY:</p> <p>A. FISCHER</p>	
<p>PROJECT MANAGER:</p> <p>S. JONES</p>	
<p>SCALE:</p> <p>1" = 20'</p>	



**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**



**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** Stewart J. Lehrfeld

**DATE:** February 5, 2007

**RESIDENCE ADDRESS:** 16 Steven Drive, Voorhees NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning the property ten years (since 1997).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**No.**

3. Has there been any sampling conducted at the property?

**The resident reported that samples were collected during Spring/Summer 2000.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**Homeowner did not know who collected the samples in the 2000 time-frame.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**A deck and swing/play area has been constructed and mulch has been placed in the garden area.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**

**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

Stewart J. Lehrfeld

**DATE:**

February 5, 2007

**RESIDENCE ADDRESS:**

16 Steven Drive, Voorhees NJ

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

No.

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**The only material introduced to the property is the mulch in the planting area and swing set area.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

**The deck and swing set on the property are both relatively new.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**There is no plan to do any additional work on the property. It should be noted that the property is for sale (there may be a need secure access again if the property is sold by the time the sampling is scheduled).**

11. Other notes/comments:

**The home is approximately 30 years old; poison ivy abundant in the backyard; geese droppings everywhere in the backyard. After heavy rains, the water level of Hilliard Creek is impacted due to the presence of beavers and beaver dams in the area. Play area approximately 16 feet from the Creek. Garden uses imported soils. Hurricane Floyd flooded backyard approximately 3' shy of patio in 2001-2002. Home is currently for sale.**

C1A SHIRT TO C3B

C1B SHIRT TO NEW LOCATION

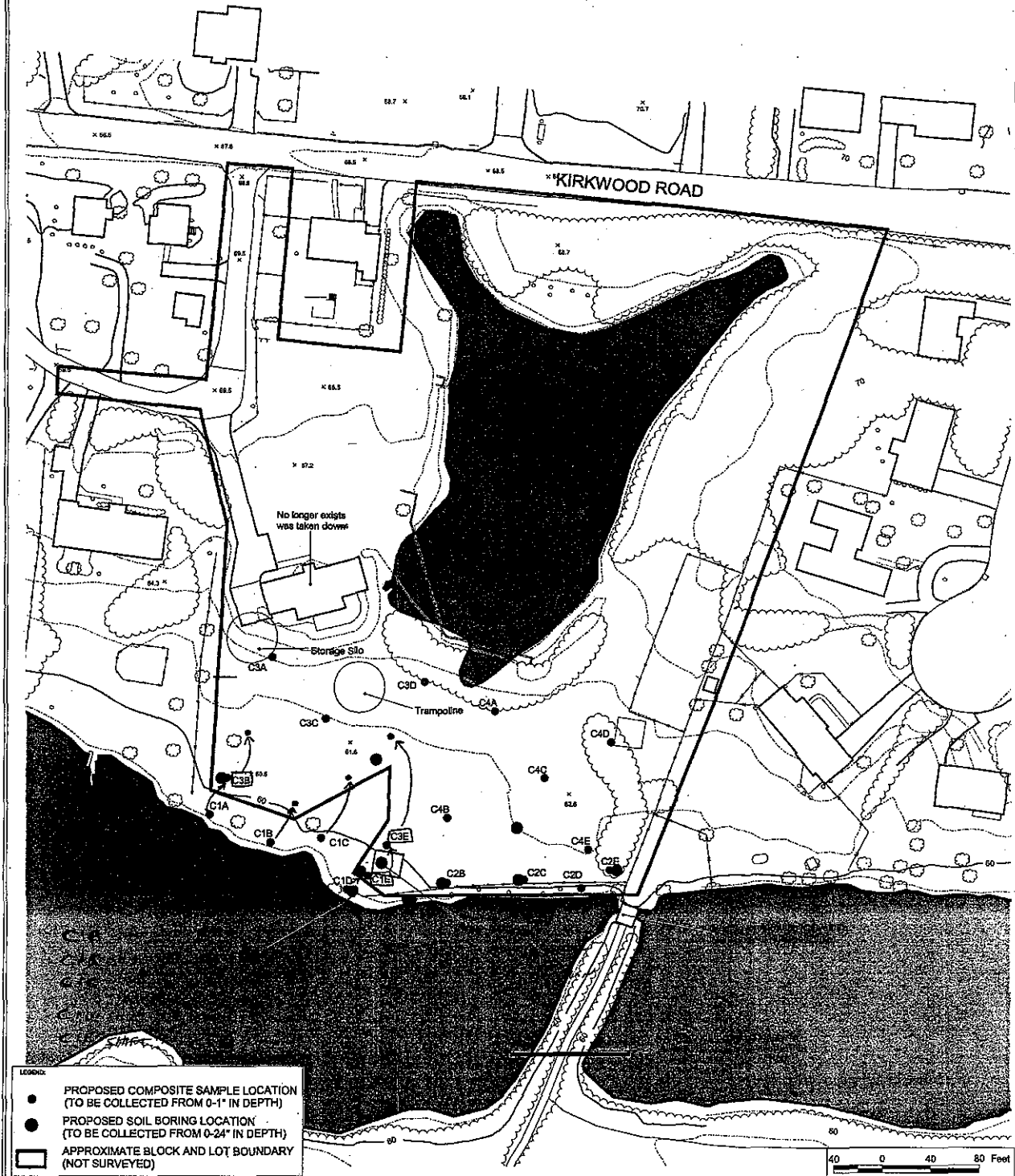
C1C SHIRT TO NEW LOCATION

C1D SHIRT TO C1E

C1E SHIRT TO C3E

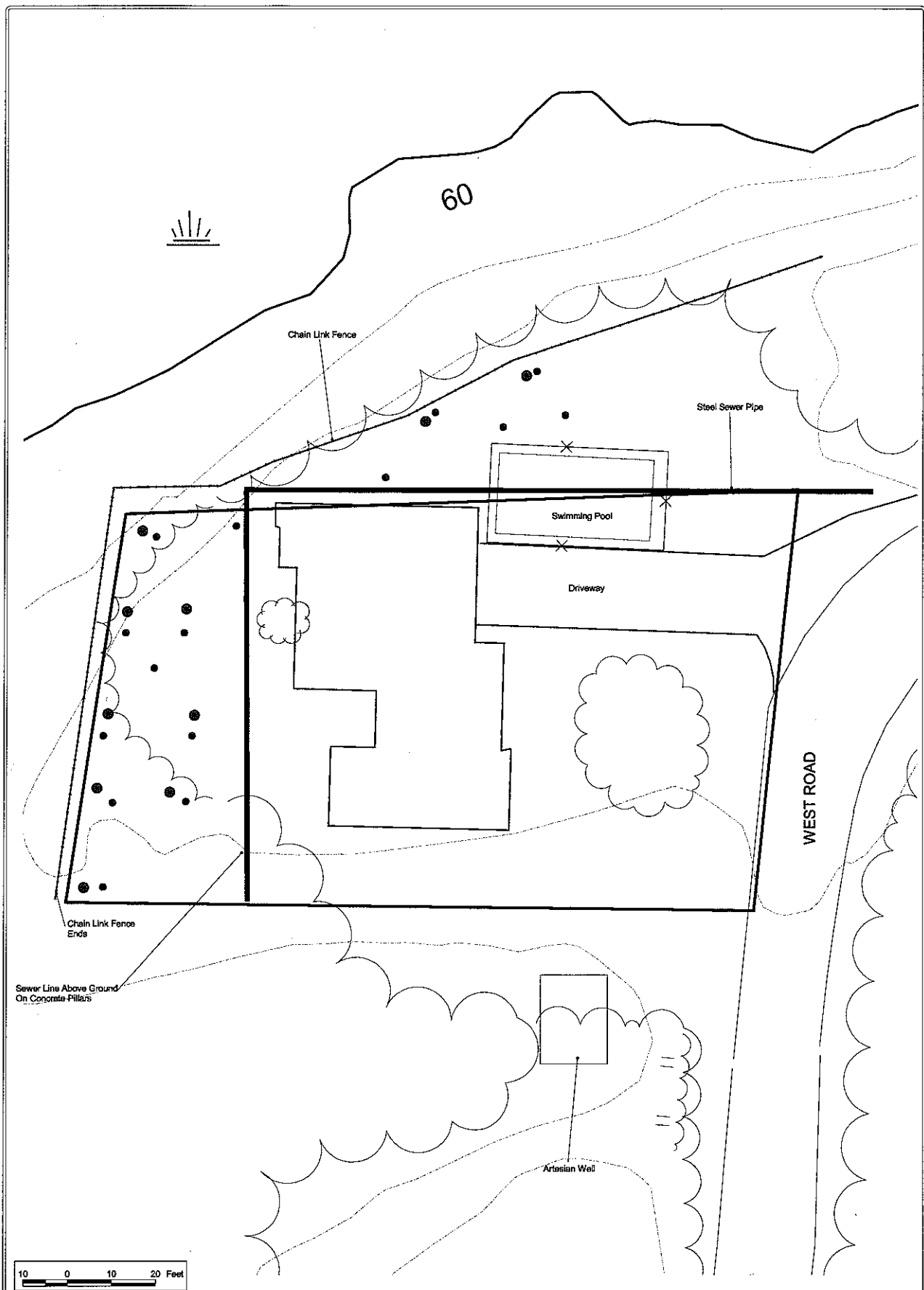
C3B SHIRT TO NEW LOCATION

C3E SHIRT TO NEW LOCATION



SEE MAP		<b>RESIDENTIAL SOIL SAMPLING PROGRAM</b> 1260 KIRKWOOD ROAD BLOCK 196, LOT 43 VOORHEES, NJ		DRAWN BY: J. LYNES		
PROJECT: SHERWIN-WILLIAMS GIBBSBORO RI				REVIEWED BY: A. FISCHER		
CLIENT NAME: THE SHERWIN-WILLIAMS COMPANY		PROJECT MANAGER: S. JONES		SCALE: 1" = 80'		
DRAWING NUMBER: 04666		SHEET NUMBER: 12		DATE: 06/08/2007		

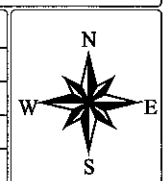




<b>LEGEND:</b>	
●	PROPOSED COMPOSITE SAMPLE LOCATION
○	PROPOSED SAMPLE LOCATION
□	APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)
<b>PROJECT:</b>	
SHERWIN-WILLIAMS GIBBSBORO RI	
<b>CLIENT NAME:</b>	
THE SHERWIN-WILLIAMS COMPANY	

<b>TITLE:</b>	
RESIDENTIAL SOIL SAMPLING PROGRAM	
73 WEST ROAD	
BLOCK 69.01, LOT 1.01	
GIBBSBORO, NJ	
<b>WESTON</b>	
<b>DRAWING NUMBER:</b>	04108
<b>FOURTH E:</b>	5

<b>DRAWN BY:</b>	J. LYNES
<b>REVIEWED BY:</b>	A. FISCHER
<b>PROJECT MANAGER:</b>	S. JONES
<b>SCALE:</b>	1" = 20'
<b>DATE:</b>	06/08/2007





**GIBBSBORO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** John Jr. & Denise Sweeny**DATE:** February 27, 2007**RESIDENCE ADDRESS:** 73 West Road, Gibbsboro NJ**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident (Mr. Sweeny, Sr.) reported living at the property/owning the property for 43 years (since 1964). Mr. Sweeny, Jr. is the present owner of the property, though his father, Mr. Sweeny, Sr. answered all questions regarding the property during the interview.**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**Stressed vegetation was observed (brown spots on lawn), dying trees.**

3. Has there been any sampling conducted at the property?

**No.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**N/A.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**Two years ago a wooden deck was built on the property (its construction included a shallow excavation).**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**

**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:**

John Jr. & Denise Sweeny

**DATE:**

February 27, 2007

**RESIDENCE ADDRESS:**

73 West Road, Gibbsboro NJ,

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

**A rusted and partially deteriorated steel container was found on the property.**

8. Has any additional soil/fill been introduced to the property or low lying area filled?

**No.**

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

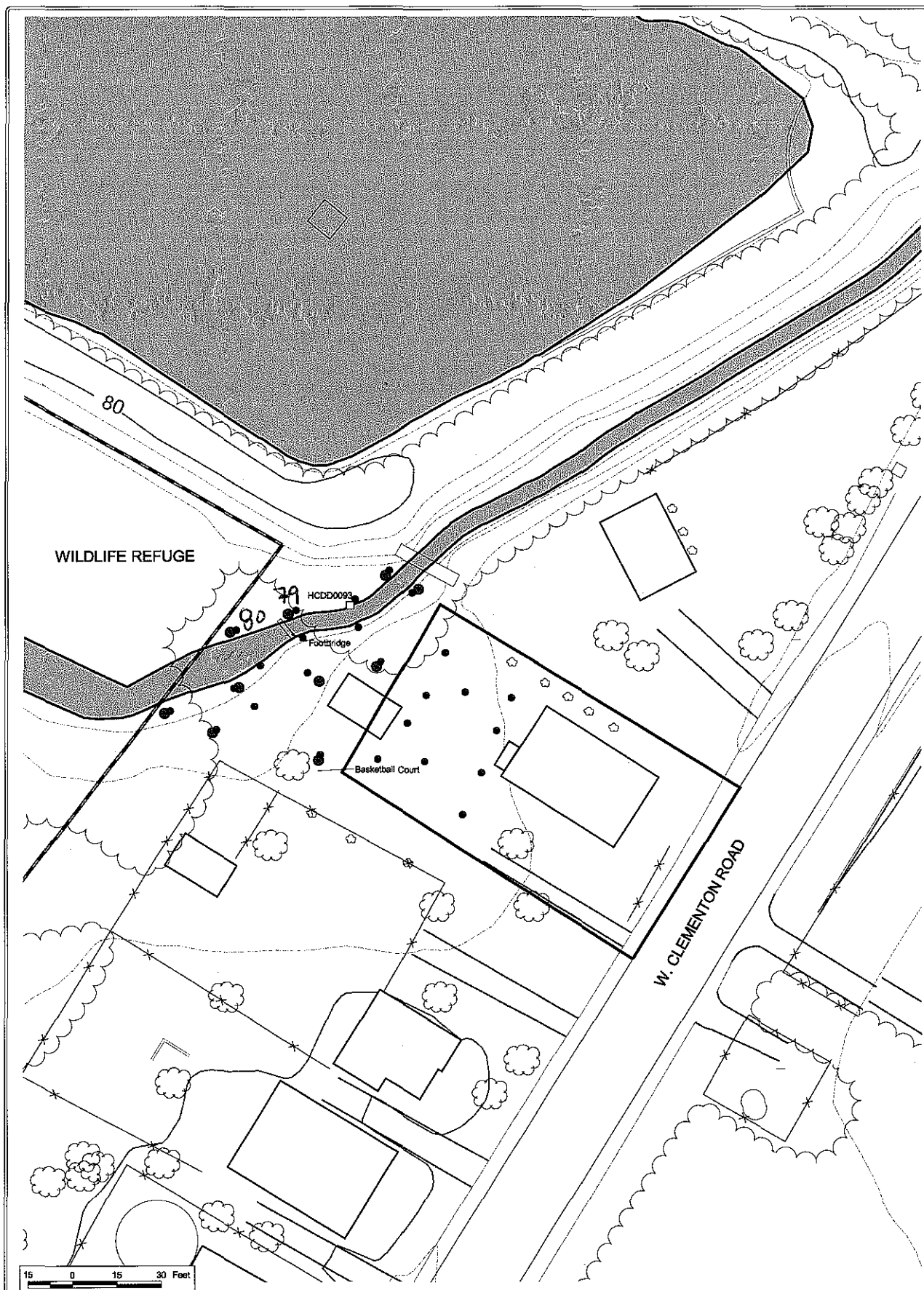
**New deck built on the property 2 years ago.**

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

**No.**

11. Other notes/comments:

**The homeowner requested that a water sample be collected from his potable well. The beavers are back on the property, they were trapped years ago.**



<b>LEGEND</b> ● PROPOSED COMPOSITE SAMPLE LOCATION ● PROPOSED SAMPLE LOCATION □ APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)	<b>TITLE</b> RESIDENTIAL SOIL SAMPLING PROGRAM 68 W. CLEMENTON ROAD BLOCK 58.01, LOT 9.02 GIBBSBORO, NJ			<b>DRAWN BY:</b> J. LYNES <b>REVIEWED BY:</b> A. FISCHER <b>PROJECT MANAGER:</b> S. JONES <b>SCALE:</b> 1" = 30' <b>DATE:</b> 06/08/2007	
<b>PROJECT:</b> SHERWIN-WILLIAMS GIBBSBORO RI <b>CLIENT NAME:</b> THE SHERWIN-WILLIAMS COMPANY		<b>DRAWING NUMBER:</b> 04106	<b>FIGURE #:</b> 3		



**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**  
**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** WB Home Renovations

**DATE:** February 22, 2007

**RESIDENCE ADDRESS:** 68 W. Clementon Road,  
Gibbsboro, NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported purchasing the property in October 2005.**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**No.**

3. Has there been any sampling conducted at the property?

**Not to the knowledge of the property owner.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**N/A.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**Most of the work completed at the property was done to the home interior and exterior. Some landscaping and planting of grass.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**



REMEDIAL INVESTIGATION/FEASIBILITY STUDY

PROPERTY OWNER SURVEY QUESTIONNAIRE

**PROPERTY OWNER:**

WB Home Renovations

**DATE:**

February 22, 2007

**RESIDENCE ADDRESS:**

68 W. Clementon Road, Gibbsboro, NJ

**INTERVIEWER:**

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

No.

8. Has any additional soil/fill been introduced to the property or low lying area filled?

No.

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

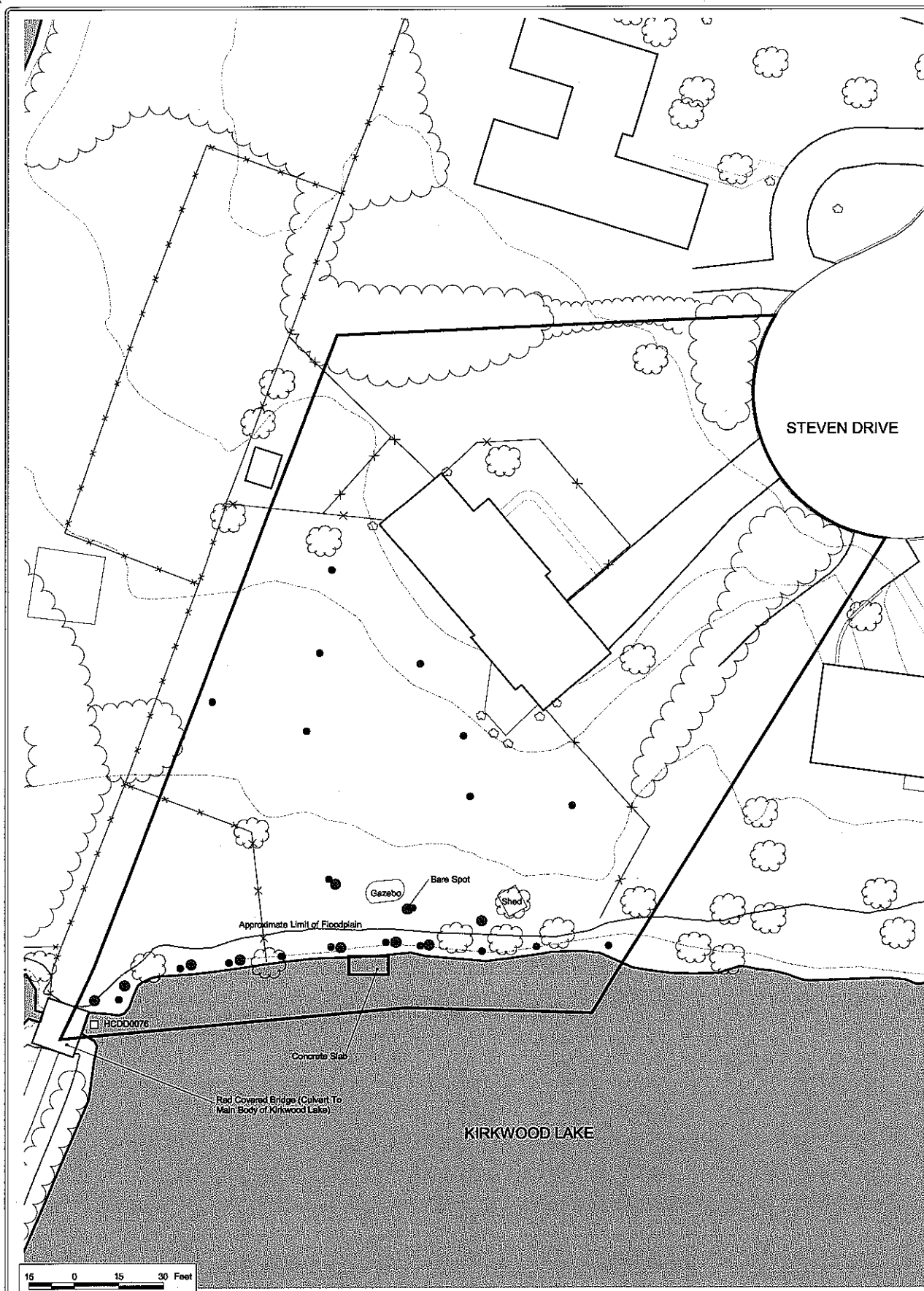
No.

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

No.

11. Other notes/comments:

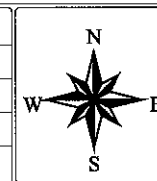
Since the property owners have owned the property only for a relatively short time (since 2005), there is very little historical information available. Most of the information available is from the neighbors.



LEGEND:	● PROPOSED COMPOSITE SAMPLE LOCATION
	● PROPOSED SAMPLE LOCATION
	□ APPROXIMATE BLOCK AND LOT BOUNDARY (NOT SURVEYED)
PROJECT:	SHERWIN-WILLIAMS GIBBSBORO RI
CLIENT NAME:	THE SHERWIN-WILLIAMS COMPANY

TITLE:	RESIDENTIAL SOIL SAMPLING PROGRAM 18 STEVEN DRIVE BLOCK 196.02, LOT 9 VORHEES, NJ
DRAWING NUMBER:	04111
FIGURE #:	11

DRAWN BY:	J. LYNES
REVIEWED BY:	A. FISCHER
PROJECT MANAGER:	S. JONES
SCALE:	1" = 30'
DATE:	06/08/2007





**GIBBSBORO**  
**REMEDIAL INVESTIGATION/FEASIBILITY STUDY**  
**PROPERTY OWNER SURVEY QUESTIONNAIRE**

**PROPERTY OWNER:** Raymond & Carolyn Banský

**DATE:** February 5, 2007

**RESIDENCE ADDRESS:** 18 Steven Drive, Voorhees NJ

**INTERVIEWER:** P. Austin

1. How long have you owned or rented the property in question?

**The resident reported owning the property for twenty-six years (since 1981).**

2. During the period you have owned your property, have you observed any discolored soils, stressed vegetation or any unusual odors?

**Patches of stressed vegetation observed on the property, the homeowner reported awful odors coming from the creek, no staining or discolored soils.**

3. Has there been any sampling conducted at the property?

**No.**

4. If so, who conducted the sampling, for what purposes was this conducted and are the sample results available?

**N/A.**

5. Has there been any remedial, construction, landscaping, clearing or any other earth disturbing activities conducted at the property?

**Worker shed/red barn constructed by homeowner some 20 years ago. A gazebo on the property was built, but no earth moving activities were required.**

6. Can you provide the details of any earth disturbing activities described above if any were conducted, and provide any maps, drawings or design plans if available?

**No.**





REMEDIAL INVESTIGATION/FEASIBILITY STUDY

PROPERTY OWNER SURVEY QUESTIONNAIRE

PROPERTY OWNER:

Raymond & Carolyn Banský

DATE:

February 5, 2007

RESIDENCE ADDRESS:

18 Steven Drive, Voorhees NJ

INTERVIEWER:

P. Austin

7. If any earth moving activities were conducted at the property, was anything unusual discovered such empty containers, discolored soils, or foul odors?

No.

8. Has any additional soil/fill been introduced to the property or low lying area filled?

No.

9. Have any structures been established on the property (i.e. new deck or shed) or any extension added to the home?

Only the red barn and gazebo were constructed.

10. Are there any plans to conduct any landscaping, tree removal, extensions, and/or other construction activities in the near or distant future at the property?

No.

11. Other notes/comments:

There is a low voltage utility line running to the red shed around the gazebo. Home owner has not had any issues with the beavers, (elevation on the property higher than neighbors). Property line reported to extend 20 feet into the Creek.

This residence has the red barn (covered bridge) with the culvert leading to the main body of Kirkwood Lake in their backyard. The beavers constructed a dam in that culvert that caused additional flooding upstream.

Please note that this property is downstream of the main beaver dam that is constructed behind the age-restricted community in Glenview Way East.